

means for mixing liquid resin and liquid hardener in response to the absence of the surface to be bonded.

13. The apparatus as defined in claim 10 wherein there is provided a means for forcing water into the means for mixing liquid resin and liquid hardener and control means for activating said means for forcing water into said means for forcing water into the means for mixing liquid resin and liquid hardener in response to the absence of the surface to be bonded.

14. The apparatus as defined in claim 1 wherein the means for sensing the instantaneous speed of the resin pump is a means for continuously sensing the instantaneous speed of the resin pump.

15. The apparatus as defined in claim 1 wherein the means for sensing the instantaneous speed of the resin pump is a means for intermittently sensing the instantaneous speed of the resin pump.

16. A method for mixing and applying a multi-component liquid adhesive comprising:

- (a) moving a liquid hardener from a hardener reservoir through a hardener conduit to a means for mixing liquid resin and liquid hardener;
- (b) moving a liquid resin from a resin reservoir through a resin conduit to a means for mixing resin and hardener;

- (c) sensing the instantaneous speed of the resin pump;
- (d) adjusting the instantaneous output of the resin pump power source such that it is proportional to the instantaneous speed of the resin pump;
- (e) continuously mixing the liquid resin and the liquid hardener in the means for mixing resin and hardener to form an adhesive; and
- (f) continuously dispersing said adhesive.

17. The method as defined in claim 16 wherein the hardener is moved through the hardener conduit from the hardener reservoir to the means for mixing resin and liquid hardener by means of a hardener pump which is driven by a second variable output capacity power source and wherein there is performed the additional steps of sensing the instantaneous speed of the hardener pump and adjusting the output of the hardener pump power source such that it is proportional to the instantaneous speed of the hardener pump.

18. The method as defined in claim 16 wherein the instantaneous speed of the resin pump is continuously monitored.

19. The method as defined in claim 16 wherein the instantaneous speed of the resin pump is intermittently monitored.

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